

the cursor 37 is moved successively to a desired position, for example, in a condition in which all necessary characters, numerals, symbols or the like are displayed on the liquid-crystal display screen 7, characters or the like at a moved position are sequentially selected as input subjects, and processed. When the set button 11 is operated on the operation section 4 in a condition in which, for example, the cursor 37 is moved to a desired character position, a list of names and telephone numbers can be displayed in part on the upper portion of the liquid-crystal display screen 7. Up to the present time, desired character strings or the like have been formed solely by operations of ten-keys for a necessary number of times. The operations are troublesome and complex, and key processing, requiring a great number of operations, is necessary. However, when display processing is performed as described above, such inconveniences as described above are reduced.

According to the embodiment of the present invention, as described above, since the rotary selector is disposed in the hinge section of a telephone set which is folded so as to be housed, the hinge section is made to have a desired size so that the mechanical strength of the hinge section can be increased. Since the provision of the rotary selector results in a reduction of key buttons for performing multiple functions, there is an advantage in that the space where the telephone set is arranged can be effectively used.

According to the embodiment of the present invention, there is an advantage in that by using the rotary selector disposed in a terminal, no key buttons exclusively used for controlling the cursor are needed, and the operation with one hand is made easier.

In addition, according to the embodiment of the present invention, the number of necessary key buttons can be reduced since the portable telephone set is provided with a rotary selector, and key buttons and a display of the most appropriate size can be arranged in a telephone set of the most appropriate size. Furthermore, when the rotary selector is disposed in the hinge section of a folding type portable telephone set, the space where the rotary selector is disposed can be reduced.

According to the embodiment of the present invention, since a rotary selector is disposed in the telephone set, it is possible to easily perform various operations necessary, in particular, for conducting a radio telephone conversation with the fingers of one hand while the telephone set itself is being held with the same hand.

Many different embodiments of the present invention may be constructed without departing from the spirit and scope of the present invention. It should be understood that the present invention is not limited to the specific embodiment described in this specification. To the contrary, the present invention is intended to cover various modifications and equivalent arrangements included within the spirit and scope of the claims. The following claims are to be accorded the broadest interpretation, so as to encompass all such modifications and equivalent structures and functions.

What is claimed is:

1. A portable radio telephone set comprising:
  - a display member provided with a display section for displaying a menu of a plurality of functions;
  - a key panel member;
  - a hinge member rotatably connecting said display member and said key panel member to form a telephone case having a front side with said display section thereon and having a rear side;

a rotary selector mounted on said hinge member for rotation to select functions from the menu of functions displayed on said display section, one of said functions adjusting the telephone sound volume, said rotary selector being operable from both the front side and the rear side of said telephone set; and

a plurality of button keys mounted on said key panel member on the front side of said telephone case; said button keys and said rotary selector being positioned to permit a user holding the telephone set in one hand to operate said button keys and said rotary selector with the thumb of the one hand, so that telephone dialing functions can be performed by operating said rotary selector and said button keys with the one hand of the user.

2. A portable radio telephone set according to claim 1, wherein said hinge member permits said telephone set to be folded so as to be housed within said telephone case, and wherein said rotary selector is on said hinge member so as to be rotatable in the same direction as said hinge member.

3. A portable radio telephone set according to claim 1, further comprising a control mechanism in one end of said hinge member for controlling rotation of said display member relative to said key panel member.

4. A portable radio telephone set according to claim 1, wherein said hinge member includes a shaft member, said rotary selector being rotatable around the axis of said shaft member and further being longitudinally slidable along said shaft member.

5. A portable radio telephone set according to one of claims 1 to 4, wherein said display section displays a cursor and said rotary selector controls the position of the cursor on the display section.

6. A portable radio telephone set according to claim 1, wherein, said display section is responsive to rotation of said rotary selector to scroll display of functions on said display section, including functions of setting and releasing of call origination restriction, ringing tone, receiver tone volume, and inputting of a personal identification number, and wherein said rotary selector selects and sets functions.

7. A portable radio telephone set comprising:

- a display member having a display section;
- a key panel member;
- a hinge section having a shaft and hingedly connecting said display member and said key panel member to provide a folding telephone housing, capable of folding to a housing position and of unfolding to an operating position;
- a rotary selector disposed in said hinge section and rotatable in the same direction as said hinge section for selecting various functions for the telephone set, said rotary selector including means capable of rotating in the same direction as said hinge section and of sliding longitudinally along the shaft of said hinge section to control the position of a cursor on said display section.

8. A portable radio telephone set according to claim 7, further comprising a control mechanism in one end of said hinge section for controlling the folding and unfolding of said folding telephone housing.

9. A portable radio telephone set comprising:

- a display member having a display section;
- a housing member;
- a hinge section hingedly connecting said display member and said housing member to form a tele-